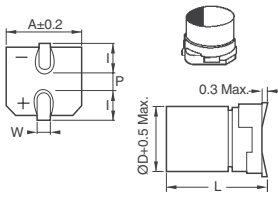


Panasonic[®] FK Series Aluminum Electrolytic Capacitors, Surface Mount Type



Features: • Low Impedance (40-60% lower than FC) • Small Size (30-50% smaller than FC) • Long Life: 2000-5000H @ 105°C • High CV Volumetric Efficiency • Tape and Reel Packaging for Automatic Placement Specifications: • Operating Temperature Range: -55°C - 105°C • Capacitance Tolerance: ±20% (120Hz, 20°C) • Leakage Current: I ≤ 0.01CV or 3(µA) whichever is greater measured after a 2 minute application of rated working voltage at 20°C • Low Temperature Characteristics: Impedance ratio (120Hz) Soldering: • Reflow: 3 - 6mm case 250°C for 5 seconds; 8 - 10mm case 235°C for 5 seconds; 12.5 - 18mm case for 230°C for 5 seconds

Table with columns: Impedance (120Hz), Working Voltage (6.3V, 10V, 16V, 25V, 35V, 50V, 63V, 80V, 100V), and rows for temperature ranges: -25°C/+20°C, -40°C/+20°C, -55°C/+20°C.

Table with columns: Size Code, Dimensions (mm) (øD, L, A, I, W, P) and rows for size codes B, C, D, D8, E, F, G, H13, J16, K16.

Main product table with columns: Rated W.V. (VDC), Nom. Cap. (µF), tan δ ≤ Spec. Values (120Hz, +20°C), Impedance (Ω), Max. Leakage Current (µA), Size Code, Max. Ripple Cur. (100KHz, 105°C (mA rms)), Digi-Key Part No., Cut Tape Pricing (1, 50, 100), Digi-Key Part No., Tape and Reel (Qty., Pricing), and Panasonic Part No.



(Continued)

Digi-Reel[®] Most SMT cutdown parts are available on a Digi-Reel[®]. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key[®] Services on page 2 for additional information.

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